LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084516.D
Acq On : 16 Jan 2016 3:29
Operator : SJ/UM
Sample : H1144-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-16BGS

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.327	194	196	201	rBV	165781	237165	3.41%	0.362%
2	5.001	252	255	258	rBV	3053394	5397632	77.63%	8.230%
3	5.436	290	293	295	rBV	6218598	6953083	100.00%	10.602%
4	5.824	325	327	330	rBV	355446	307922	4.43%	0.470%
5	6.464	380	383	386	rBV	5295950	6205556	89.25%	9.462%
6	6.590	391	394	397	rBV	6098265	6169447	88.73%	9.407%
7	6.819	412	414	416	rBV	1913352	1542063	22.18%	2.351%
8	6.979	425	428	430	rBV	5930845	5156623	74.16%	7.863%
9	7.390	461	464	466	rBV	4565417	4723385	67.93%	7.202%
10	7.493	469	473	478	rVV	73823	105512	1.52%	0.161%
11	8.110	524	527	529	rBV	1914678	2030402	29.20%	3.096%
12	9.185	618	621	624	rBV	5895374	6518364	93.75%	9.939%
13	9.585	654	656	658	rBV	1769465	1495079	21.50%	2.280%
14	9.802	672	675	677	rBV	216065	183293	2.64%	0.279%
15	9.859	678	680	683	rVB	2016818	2155465	31.00%	3.287%
16	10.305	715	719	720	rBV2	203308	309208	4.45%	0.471%
17	10.522	734	738	741	rBV	93008	152435	2.19%	0.232%
18	10.648	747	749	752	rBV2	3206866	4413880	63.48%	6.730%
19	10.773	758	760	764	rBV	324005	357782	5.15%	0.546%
20	11.219	797	799	801	rBV	194822	179668	2.58%	0.274%
21	11.345	808	810	813	rBV	2364060	2042456	29.37%	3.114%
22	11.402	813	815	819	rVB	48353	75852	1.09%	0.116%
23	11.596	828	832	835	rBV2	30429	78148	1.12%	0.119%
24	12.934	946	949	952	rBV	5346516	5443409	78.29%	8.300%
25	13.859	1026	1030	1038	rBV	102439	273976	3.94%	0.418%
26	13.985	1038	1041	1043	rBV	1490431	1616278	23.25%	2.464%
27	15.402	1162	1165	1168	rBV	1176434	1460580	21.01%	2.227%

Sum of corrected areas: 65584663

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084516.D
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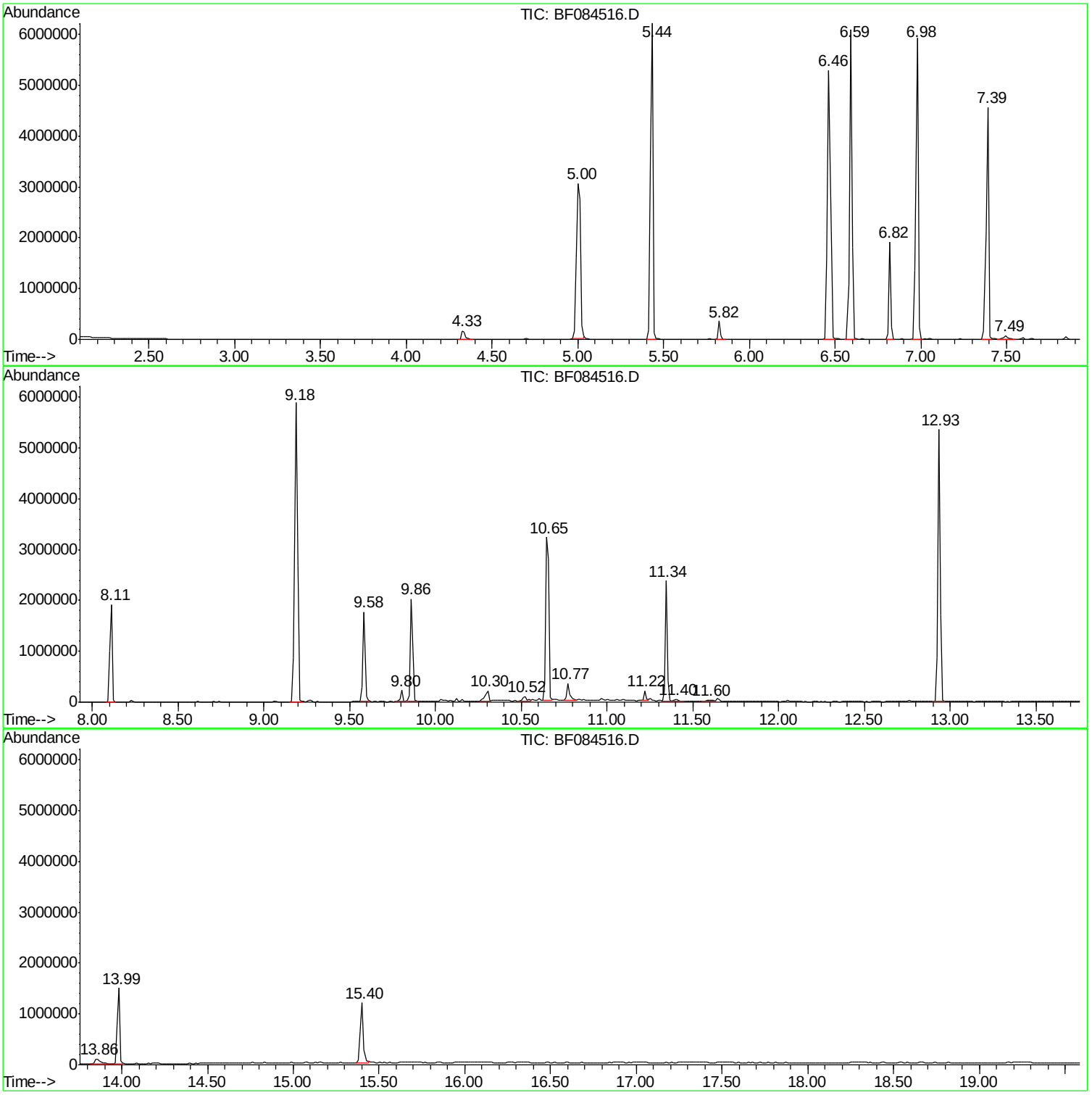
Operator : SJ/UM
Sample : H1144-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-16BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Acq On : 16 Jan 2016 3:29
Operator : SJ/UM
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ClientSampleId : SB-2-16BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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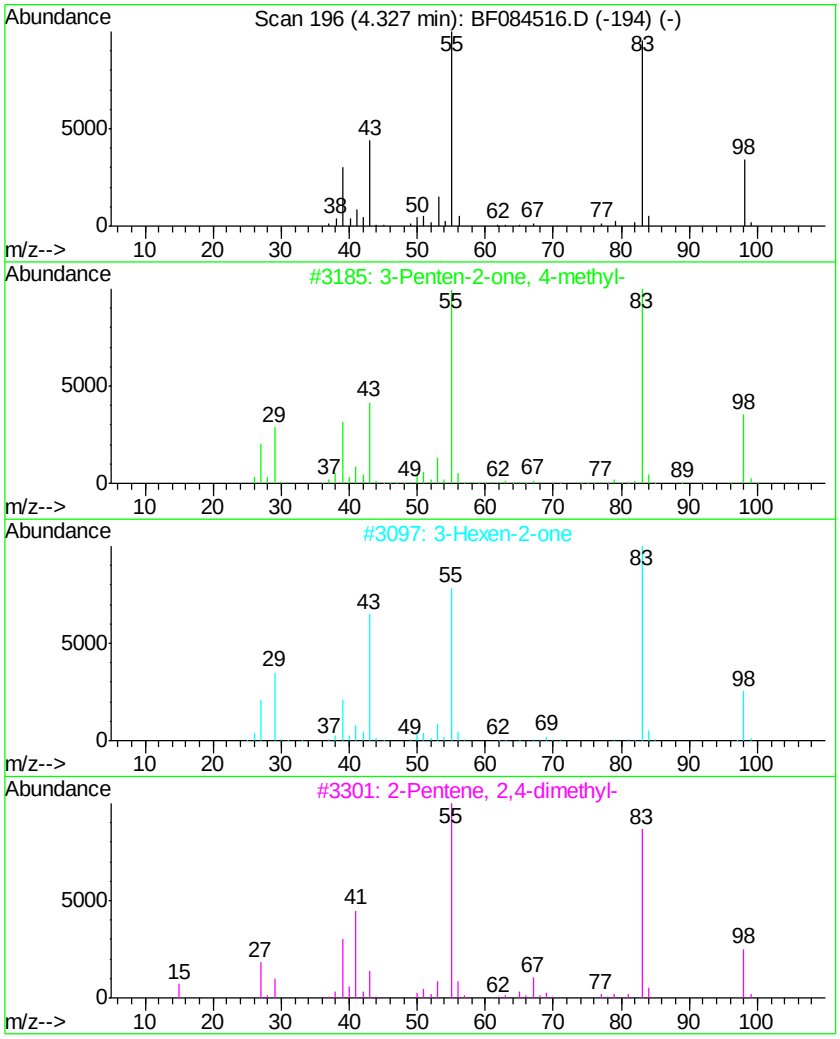
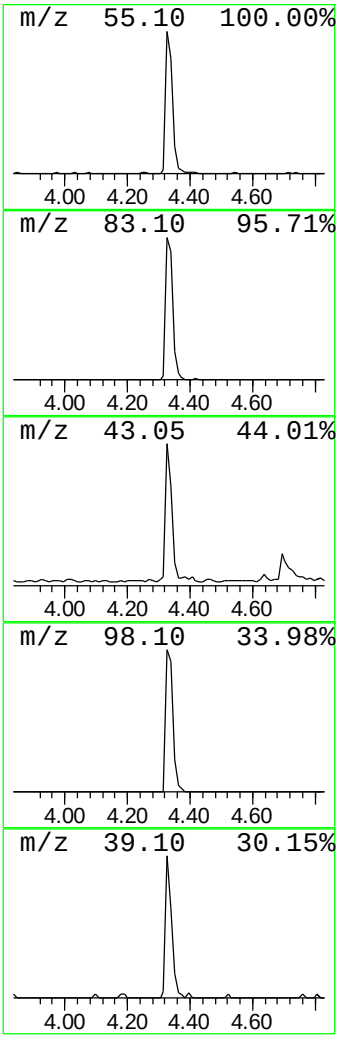
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	3.08 ng	237165	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4	Cyclobutanecarboxylic acid chloride	118	C5H7ClO	005006-22-4	72
5	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084516.D
Acq On : 16 Jan 2016 3:29
Operator : SJ/UM
Sample : H1144-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-16BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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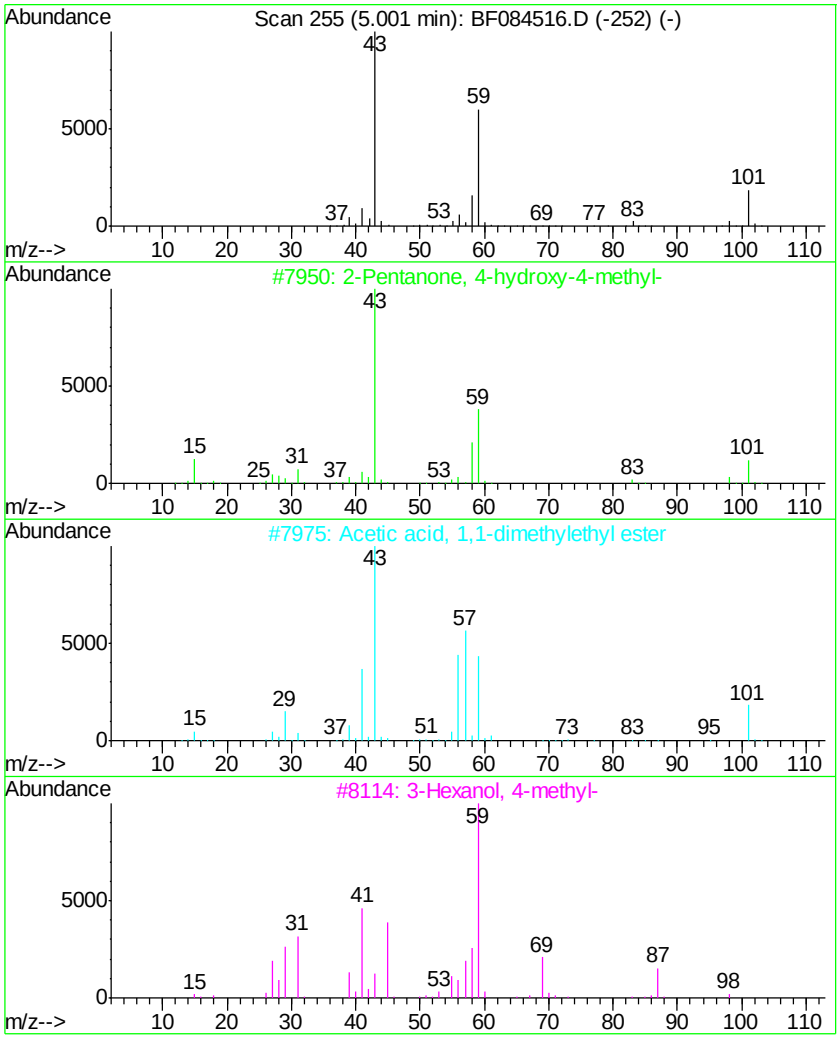
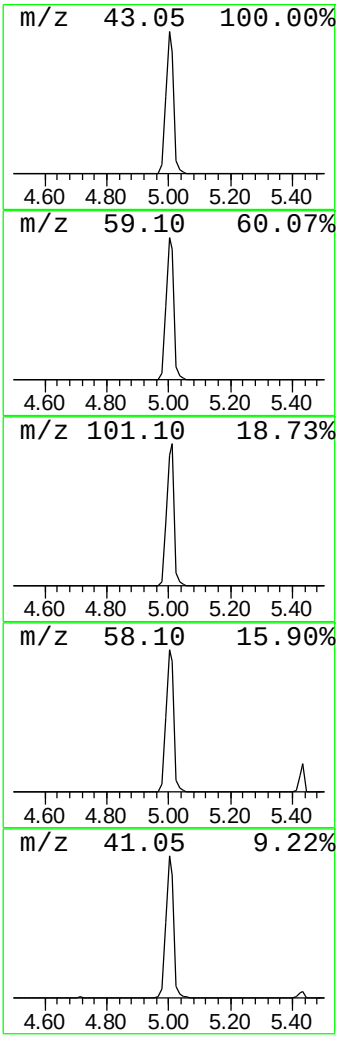
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	70.01 ng	5397630	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084516.D
Acq On : 16 Jan 2016 3:29
Operator : SJ/UM
Sample : H1144-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-16BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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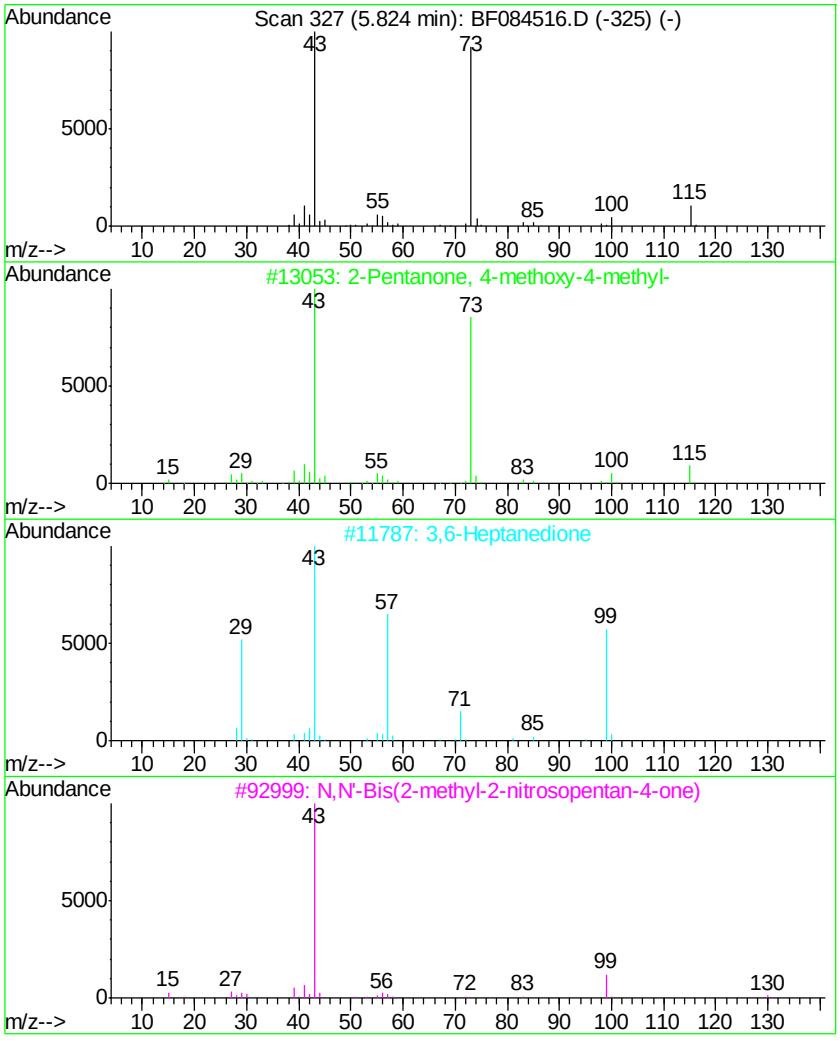
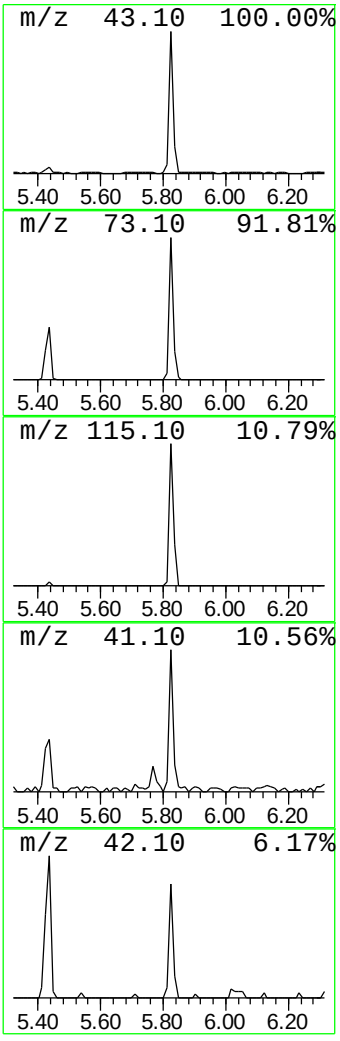
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	3.99 ng	307922	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	3,6-Heptanedione	128	C7H12O2	001703-51-1	17
3	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	10
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10
5	N-Formylmorpholine	115	C5H9NO2	004394-85-8	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
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Operator : SJ/UM
Sample : H1144-02
Misc :
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Instrument : BNA_F
ClientSampleId : SB-2-16BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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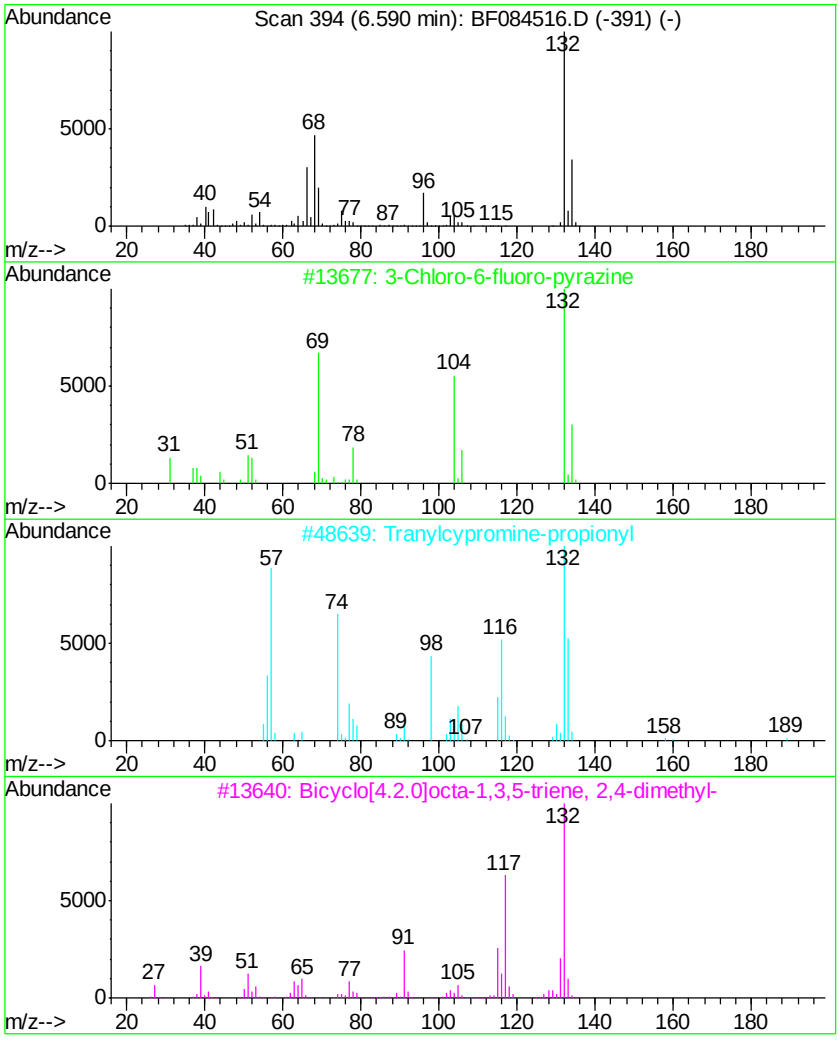
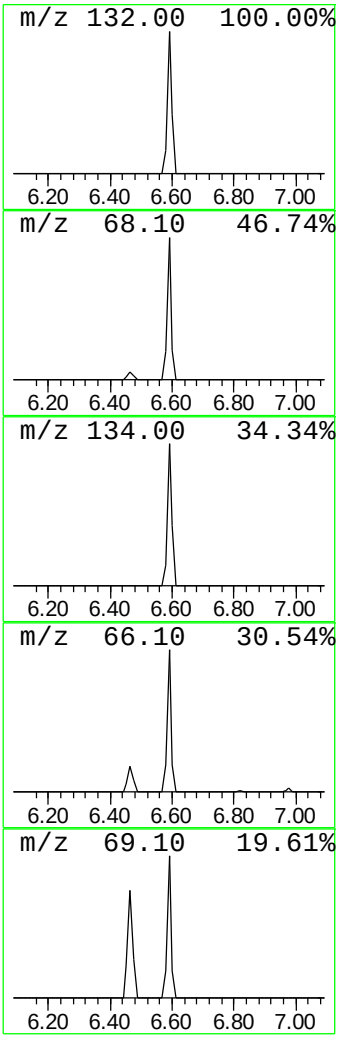
Peak Number 4 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	80.02 ng	6169450	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Sample : H1144-02
Misc :
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Instrument : BNA_F
ClientSampleId : SB-2-16BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
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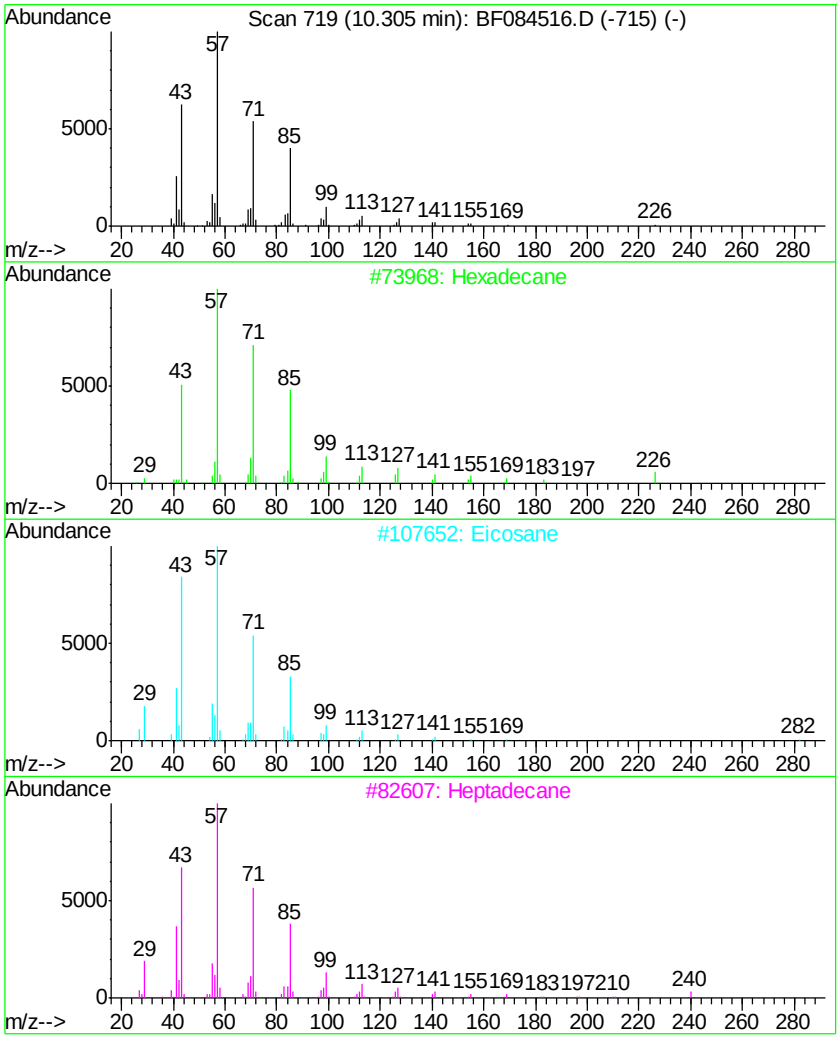
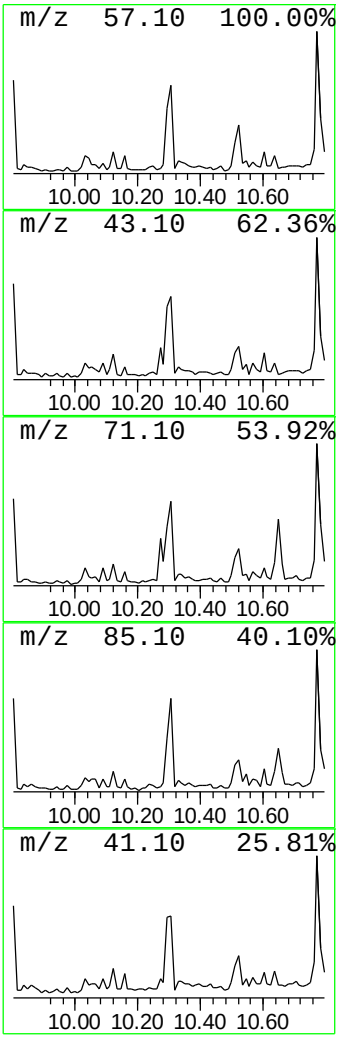
****

Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.87 ng	309208	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Tritetracontane	605	C43H88	007098-21-7	90





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Instrument : BNA_F
ClientSampleId : SB-2-16BGS

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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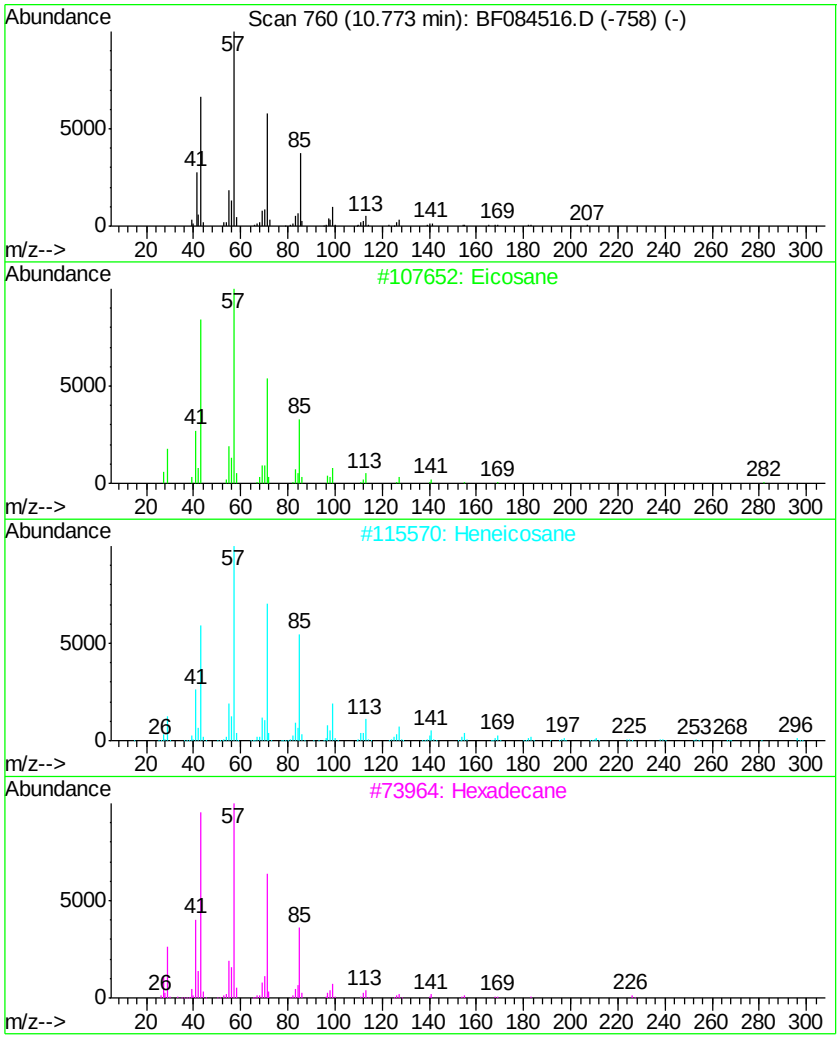
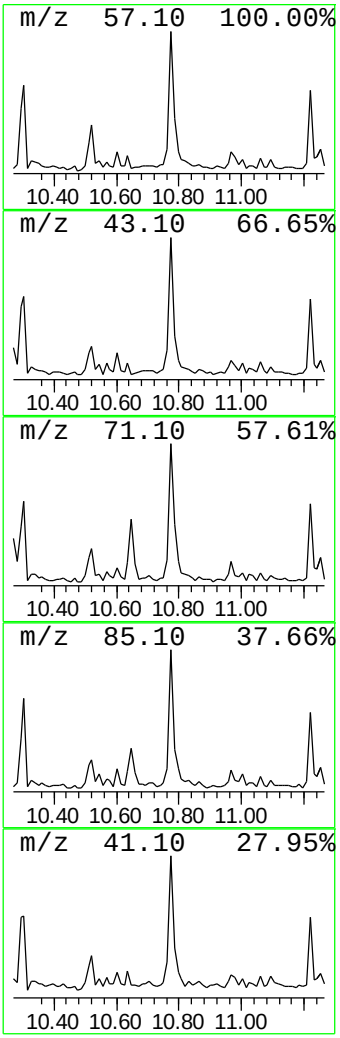
Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.50 ng	357782	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

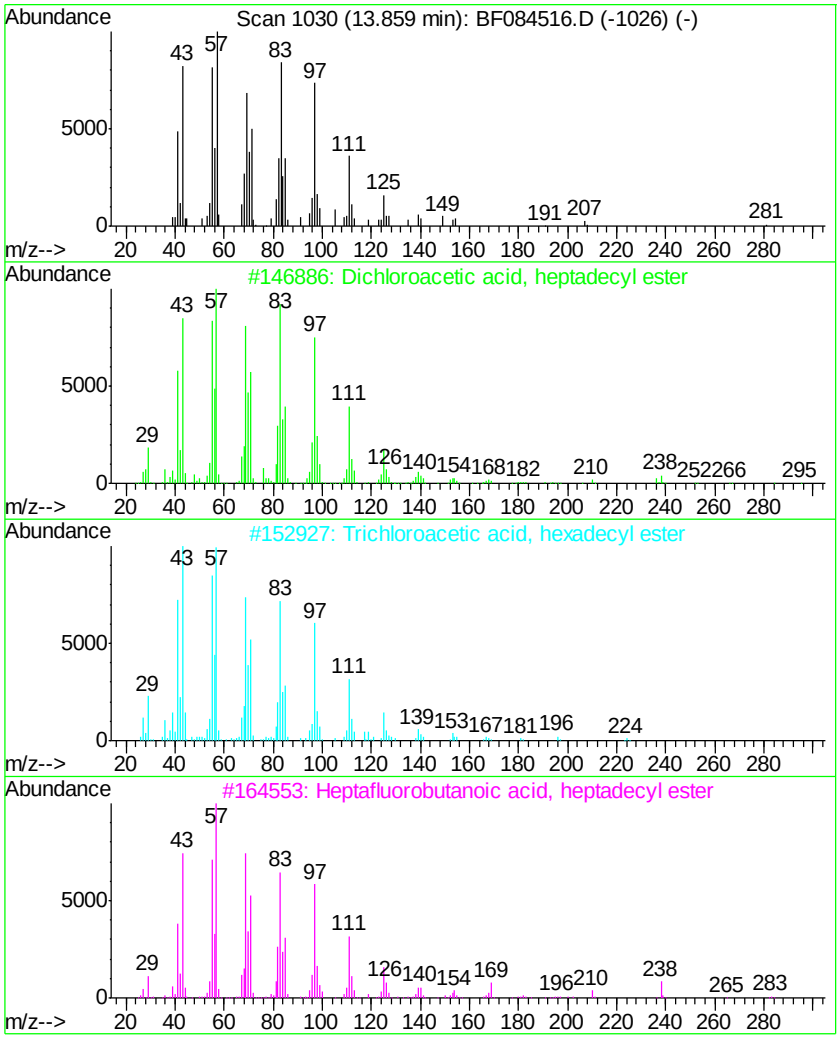
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

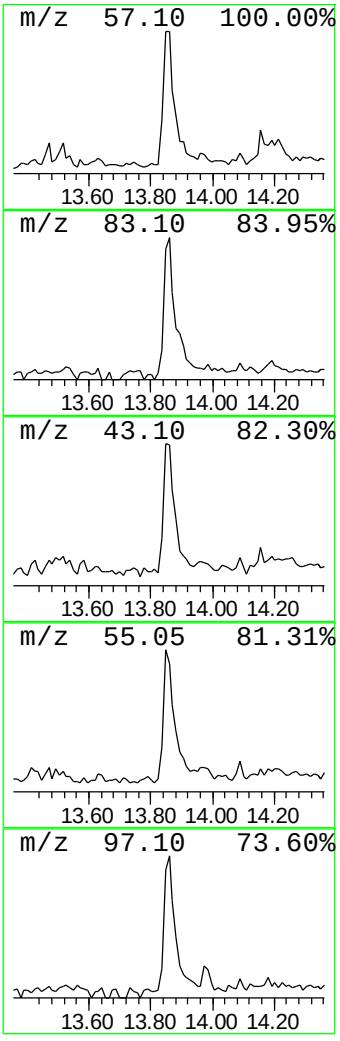
****

Peak Number 8 Dichloroacetic acid, heptad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	3.39 ng	273976	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5	1-Docosene	308	C22H44	001599-67-3	91





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.33	3.1	ng	237165	1	6.82	1542060	20.0
2-Pentanone, 4-hy...	5.00	70.0	ng	5397630	1	6.82	1542060	20.0
2-Pentanone, 4-me...	5.82	4.0	ng	307922	1	6.82	1542060	20.0
unknown6.59	6.59	80.0	ng	6169450	1	6.82	1542060	20.0
Hexadecane	10.30	2.9	ng	309208	3	9.86	2155470	20.0
Eicosane	10.77	3.5	ng	357782	4	11.34	2042460	20.0
Dichloroacetic ac...	13.86	3.4	ng	273976	5	13.99	1616280	20.0